

cas 25513-46-6 L-Glutamic acid polymer Gamma Polyglutamic Acid EINECS 200-293-7

Basic Information

- Place of Origin: China
- Brand Name: Firsky
- Model Number: FS-CAS 25513-46-6
- Minimum Order Quantity: 1KG
- Packaging Details: 1kg, 5kg, 15kg, 20kg, 25kg can be packed in different specifications. Packaging can be customized according to customer requirements. Aluminium foil bag and carton.
- Delivery Time: 7-15 days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 2000T



Product Specification

- Product Name: L-Glutamic Acid Polymer
- Shelf Life: 2 Years
- CAS NO: 25513-46-6
- Purity: 99%



Product Description

Product Description

Product Name:	Polyglutamic acid
Synonyms:	POLY-L-GLUTAMIC ACID 15'000-50'000 SODIUM SALT;POLY-L-GLUTAMIC ACID 2'000-15'000;POLY-L-GLUTAMIC ACID 50'000-100'000 SODIUM SALT;L-GLU-(L-GLU)N-L-GLU;alpha-l-glutamicacidpolymer;glutamicacidpolymer;Poly-γ-Glutamic Acid(γ-PGA);γ-poly(L-glutamic acid) macromolecule
CAS:	25513-46-6
MF:	C5H9NO4
MW:	147.13
EINECS:	200-293-7
storage temp.	-20°C
Application	Polyglutamic acid is considered a promising bio-based chemical and is already widely used in the food, medical, and wastewater industries due to its biodegradable, non-toxic, and non-immunogenic properties.

Description

The CAS number 25513-46-6 corresponds to L-glutamic acid polymer in the Chemical Abstracts Service registry. L-glutamic acid polymer, also known as poly-L-glutamic acid (PGA), is a polymer chain composed of repeating units of L-glutamic acid.

Application

Here is a description of L-glutamic acid polymer and its properties:

Biodegradable and Biocompatible: L-glutamic acid polymer is a naturally derived polymer that is biodegradable and biocompatible. It is typically derived from fermented sources such as bacteria, including *Bacillus subtilis*. This makes it suitable for various biomedical and pharmaceutical applications.

Water-Soluble: L-glutamic acid polymer is water-soluble, which means it readily dissolves in water. This property makes it easy to formulate into various aqueous solutions, gels, and creams for different applications.

Film-Forming: L-glutamic acid polymer has film-forming properties, meaning it can create a thin, flexible film when applied to a surface. This film can provide a barrier effect, protecting the skin or other surfaces from environmental factors, such as moisture loss or external irritants.

Hydration and Moisture Retention: L-glutamic acid polymer has the ability to attract and retain water molecules. This property contributes to its moisturizing and hydrating effects when applied to the skin. It helps improve skin hydration, smoothness, and elasticity.

Potential Benefits: L-glutamic acid polymer has shown potential benefits in skincare and cosmetic formulations. It may help enhance the delivery and efficacy of active ingredients by acting as a carrier or encapsulating agent. It can also contribute to the formulation's texture and stability.

FAQ

How do I make a purchase?

We advise that you speak with our customer support personnel before placing an order because the market price of chemical raw materials fluctuates often

1. Please let me know which products you require and how many of each you need.
2. We will provide you with the best pricing right away, including delivery charges.
3. If the price seems reasonable to you, you can select a payment option to complete the transaction.
4. After we confirm your payment, your shipment will be wrapped and dispatched within 24 hours.
5. Two days after the package is sent out, a tracking number and packing photo will be provided.
6. We wish you a wonderful shopping experience and encourage you to get in touch with us if there are any problems.

Which delivery alternatives are available?

All Fushikai orders are shipped from Japan using FEDEX, UPS, DHL, Airmail, Surface Mail, EMS (Japan Post), and Economical Air (SAL). Depending on the various nations, we will select the best choice. Once payment has been received, the approximate delivery time is 5-7 working days.

How are your products verified?

We use our own quality control team to inspect each batch of products. Only at least 98% of pharmaceutical raw materials are used in the synthesis process, rather than cheap sources that are replicated using discarded chemical ingredients. Multiple tests are conducted using cutting-edge equipment to ensure perfect accuracy in determining the potency, purity and quality of ingredients and finished products.

Does a discount apply to large orders?

After your order reaches a particular value, there is a large discount. Several seasonal sales and promotions are

available from us.

What forms of payment do you accept?

We accept payments with Western Union, Bitcoin, e-transfers, bank transfers, MoneyGram, and Alipay in addition to all other forms of cryptocurrency.

Do you deliver to parcel lockers at PO boxes?

YES, we could deliver to parcel lockers at PO boxes!

Can I get a tracking number from you?

We will provide you the tracking number and some images of the items you ordered as soon as the shipment is planned. For the most up-to-date tracking updates, please go to our preferred site.



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